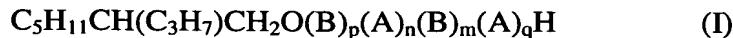


Claims

1. An alkoxylate mixture comprising alkoxylates of the formula (I)

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where

10 A is ethyleneoxy,

B, in each case independently, are C_{3-10} -alkyleneoxy or mixtures thereof,

15 groups A and B being present in the form of blocks in the stated sequence,

p is a number from 0 to 10,

n is a number greater than 0 to 20,

m is a number greater than 0 to 20,

20 q is a number greater than 0 to 10,

$p + n + m + q$ is at least 1,

from 70 to 99% by weight of alkoxylates A1, in which C_5H_{11} is $n-C_5H_{11}$, and

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from 1 to 30% by weight of alkoxylates A2, in which C_5H_{11} is $C_2H_5CH(CH_3)CH_2$ and/or $CH_3CH(CH_3)CH_2CH_2$, being present in the mixture.

30 2. An alkoxylate mixture according to claim 1, wherein C_3H_7 is $n-C_3H_7$.

3. An alkoxylate mixture according to claim 1 or 2, wherein, in the formula (I), B in each case is propyleneoxy, p is a number from 0 to 5, n is a number from 0.25 to 10, m is a number from 2 to 10 and q is a number from 1 to 5.

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4. An alkoxylate mixture according to any of claims 1 to 3, wherein, in the formula (I), p is a number from 0.5 to 5.

5. An alkoxylate mixture according to any of claims 1 to 4, wherein from 85 to 96% by weight of alkoxylates A1 and from 4 to 15% by weight of alkoxylates A2 are present.
- 10 6. A process for the preparation of an alkoxylate mixture according to any of claims 1 to 5 by reacting the alcohol mixture with C₂₋₅-alkylene oxides under alkoxylation conditions.
- 15 7. A process for the preparation of an alkoxylate mixture according to claim 7, wherein the alkoxylation is carried out in the presence of a double metal cyanide compound as a catalyst.
8. The use of an alkoxylate mixture according to any of claims 1 to 5 as an emulsifier, foam regulator and wetting agent for hard surfaces.
- 20 9. The use according to claim 8 in detergents, surfactant formulations for cleaning hard surfaces, humectants, cosmetic, pharmaceutical and crop protection formulations, finishes, coating materials, adhesives, leather fatliquoring agents, formulations for the textile industry, fiber processing, metal processing, food industry, water treatment, paper industry, fermentation or mineral processing, in emulsion polymerizations and as additives or starting materials for the preparation of additives for mineral building materials.
- 25 10. A detergent, cleaning agent, wetting agent, coating material, adhesive, leather fatliquoring agent, humectant or textile treatment composition, additive for mineral building materials or cosmetic, pharmaceutical or crop protection formulation containing an alkoxylate mixture according to any of claims 1 to 5.
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